

## REMARKS

Claims 1-22 remain in the application for consideration of the Examiner.

Reconsideration and withdrawal of the outstanding rejections and objections are respectfully requested in light of the above amendments and following remarks.

Turning now to the art rejections, Claims 1-4, 7-8, 9-13, 15-17, and 18-22 were rejected under 35 U.S.C. § 102(b) as being anticipated by Schulhof; and Claim 6 was rejected under 35 U.S.C. § 103 as being unpatentable over Schulhof in view of Olden.

These rejections are respectfully traversed.

It is respectfully submitted that Schulhof does not disclose or suggest the presently claimed invention including the each first filter being operable to filter a programmed  $i^{\text{th}}$  sub band of the output signal and each second filter being operable to filter a programmed  $i^{\text{th}}$  sub band of the audio signal in independent Claim 1, albeit defined as the method steps of dividing the output signal into programmed N sub bands and filtering a programmed  $i^{\text{th}}$  sub band of the output signals and dividing the audio signal in the same programmed N sub bands and filtering a programmed  $i^{\text{th}}$  sub band of the audio signal in the various forms in independent Claims 9 and 18.

Schulhof does not disclose a programmable feature.

Olden does not disclose or suggest the presently claimed invention including each first filter being operable to filter a programmed  $i^{\text{th}}$  sub band of the output signal and each second filter being operable to filter a programmed  $i^{\text{th}}$  sub band of the audio signal in the various forms in independent Claims 1, 9, and 18.

Olden is silent to these features.

Applicants appreciate the indication that Claims 5 and 14 are allowed.


It is respectfully submitted that Claims 1-22 patentably define over the applied art.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



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